

5    **WHAT IS CLAIMED IS:**

1. A service and survival dinghy (10) comprises a double hull (12) formed of impact resistant polymeric material and defining a bottom compartment (22) containing closed-cell foam (24) for permanent flotation capability and sidewall compartments (60, 62) accessible for storage.

10        2. The service and survival dinghy of claim 1, wherein the double hull is formed of rotation-molded polyethylene or other suitable plastic.

3. The service and survival dinghy of claim 1, further comprising a sailing rig (103) comprising a mast (104) and a sail (108).

15        4. The service and survival dinghy of claim 3, wherein the mast and sail are stored between uses within said sidewall compartments.

5. The service and survival dinghy of claim 1, comprising a center seat (94) mounted to be flipped from a center position to a position toward the bow, thereby to allow a rower more legroom.

20        6. The service and survival dinghy of claim 1, further comprising beackets (52) mounted to gunwale surfaces (30).

7. The service and survival dinghy of claim 1, further comprising a removable exposure canopy (124).

8. The service and survival dinghy of claim 7, wherein said exposure canopy is stored between use within said sidewall compartments.

25        9. The service and survival dinghy of claim 7 or claim 8, wherein said exposure canopy comprises multiple separate panels (126, 128, 130).

10. The service and survival dinghy of claim 1, further comprising a transom plate (141) mounted in a recessed space in the stern for mounting an outboard motor (140).

30        11. The service and survival dinghy of claim 1, wherein the dinghy is self-draining when empty, with a removable plug (42).

12. The service and survival dinghy of claim 1, further comprising a multi-use cylinder (46) secured along a gunwale (32) of said dinghy and comprising a cover (47) within which there is disposed a deployable web ladder (144) for boarding the dinghy.